

EPA Registration No.
82572-1
vol. 2

2A3-2

Print Form



United States
Environmental Protection Agency
 Office of Pesticide Programs (7505C)
 Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationery, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product

82572-1

Distributor Company Number

17545

Note: Do not submit distributor product labels

Name of Registered Product (basic product name accepted by EPA)

QUILLAJA EXTRACT

Distributor Product Name

ECOTEQ

Name and Address of Distributor (Type; include ZIP code)

Monterey AgResources
 P.O. Box 35000
 Fresno, CA 93745

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or "sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

[Signature] Regulatory Affairs Mgr.

Date

5/7/08

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

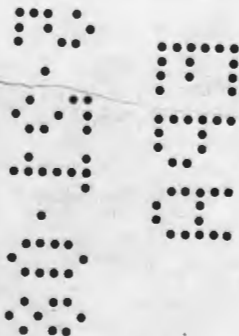
[Signature] VICE PRESIDENT

Date

4/30/08

Paperwork Reduction Act Notice

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to Chief, Information Policy Branch, 2136, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA."



MATERIAL TO BE ADDED TO JACKET

4442

REG #

82572-1

Description:

minor revisions +

reorganized label

if applicable, check all that are attached	
<input type="checkbox"/>	new stamped accepted label
<input type="checkbox"/>	new CSF
<input checked="" type="checkbox"/>	notification

Send to CSC

Instructions:

Attach this sheet to the top of **ALL** material sent to the file room (both loose paper and new material in jackets). This sheet will be imaged; a clear description will aid in finding material in the e-jacket. Remove staples from all material. If returning loose paper then hold together with a binder or paper clip. CSFs should be placed in the CSF folder (if returning jacket) or covered with a red CBI sheet (if returning loose paper). Material to be returned to file room should be placed in the appropriate bin.

Reviewer's
Name:

Deana Hudson

Date:

5/23/08

Phone:

308-8743

Division:

BPRD

Receipt for Section 3

S: 825797

Regulation: ☒ Yes ☐ No

Regulatory Type: Product Registration - Section 3

Fee for Service: ☒ Yes ☐ No

Application Type: Notification

Company: 82572 DESERT KING CHILE, LTD. ☒

Risk Manager: Ecologicals & Pollution Prevention Division, PM Team 91

Product #: 82572-1 Product Name: GUILLAJA EXTRACT

Overseas: ☐

Me Too Section 3: ☐ Me Too Product Name:

Application Date: 19-Mar-2008 ☒

OPP Rec'd Date: 19-Mar-2008 ☒

Front End Date: 19-Mar-2008 ☒

Risk Manager Send Date: 31-Mar-2008 ☒

FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track: ☐ New Product: ☐

Receipt Description:

notification.

MAR 3 2008 MAR 3 1 2008
MAR 3 2008 MAR 3 2008

New Ingredient
Status Date:
New Ingredient
Received Date:

Print Letter

Enter More Information

Tracking

Receipt Content

art

Welcome - Lotus ...

EPA-PRISM Main - ...

RECEIVED

4:24 PM

Please forward
to Radernio
Dm
APR 02 2008

AIO - Radernio
APR 3 2008
sdh

Hudson 4/23/08
rec'd. 4/23/08
sdh

Completed 5/23/08

Quillaja Extract

A Bio-Pesticide

NOTIFICATION

Date Reviewed: 5/23/08

Reviewed By: D. Hudson

- For the control of Plant Parasitic Nematodes, Plant Parasitic Fungi
- For use in vineyards, orchards, field crops, and turf
- For ornamental use to control plant parasitic nematodes

Active Ingredient:

*Saponins of Quillaja saponaria..... 8.60%

Other Ingredients.....91.40%

Total..... 100.00%

*bidesmosidic derivatives of quillajic acid substituted with a trisaccharide at C-3 and an oligosaccharide in C-28

Keep Out of Reach of Children

DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If on skin	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to by a poison control center or doctor.• Do not give anything to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.	

See back side for additional precautionary statements

Manufactured for:
Desert King Chile
77 Antonio Bellet, Suite 401
Providencia, Santiago
Chile

EPA Reg. No.: 82572-1
EPA Est. No.: XXXXX-XX-XX

Net Contents: XX Gallons

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Causes irreversible eye damage. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

Long-sleeved shirt and long pants

Protective eyewear

Chemical-resistant gloves made of any waterproof material

Shoes and socks

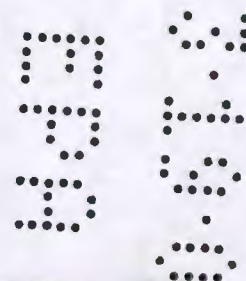
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Never apply material so as to contaminate eating or drinking area.
- Remove clothing immediately if product gets inside. Then wash thoroughly and put on clean clothing.



ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Effluent System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Personal Protective Equipment (PPE)

~~Applicators and other handlers must wear:~~

~~Long-sleeved shirt and long pants~~

~~Protective eyewear~~

~~Chemical-resistant gloves made of any waterproof material~~

~~Shoes and socks~~

~~Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.~~

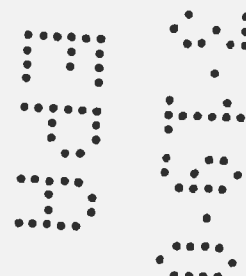
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~~Users should:~~

~~☐ Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Never apply material so as to contaminate eating or drinking area.~~

~~☐ Remove clothing immediately if product gets inside. Then wash thoroughly and put on clean clothing.~~



DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the Agency responsible for pesticide regulations.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on the label about personal protective equipment and the restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas without protective clothing during the restricted-entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Chemical-resistant gloves made of any waterproof material

- Protective eyewear

- Shoes and socks

NON - AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of the product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural and ornamental plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

Application:

Quillaja Extract may be applied using ground equipment with a band sprayer, soil fertilizer shanks, injected through drip irrigation or through above ground sprinkler systems.

Mixing:

Quillaja Extract is a water based botanical extract. It is soluble in water. Fill tank with 300 gallons of water, then add 3 gallons of this product directly to the tank. Avoid over agitating or shaking, as foaming will occur. To reduce foaming, add an agricultural defoamer to the tank mix.

3 Gallons of Quillaja Extract in 300 Gallons of water is 10,000 ppm or a 1% Solution of Quillaja Extract in water.

Tank Mixing:

Quillaja Extract is compatible with most common pesticides and can be tank mixed with fungicides, insecticides, herbicides, fertilizers or other nematocides. However, do not mix with products that will render a final pH above 8. If compatibility of this product with another product is unknown, the mixture should be tested on a small scale. Read and carefully observe the precautionary statements and all other information on all product labels used in the tank mix. This product has properties similar to wetting agents and may enhance activity of some products as a wetting agent. Not all tank mix combinations have been tested with this product.

Compatibility:

Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

Quillaja Extract is physically compatible with most water based pesticides and liquid fertilizers providing the pH of the final solution is below a pH of 8 and above a pH of 3. To determine physical compatibility of this product with other products, pour the recommended proportions of the products into a suitable container, mix and wait for 30 minutes. If product remains mixed, it is considered physically compatible. Apply all mixed material within 2-3 hours per application.

Application Rates

To control/suppress plant parasitic nematodes, apply Quillaja Extract to the full irrigated zone 1 to 6 times per season. Application should be made just prior to or during root flushes. For row crops, the irrigated zone is 30-50% of the row area. For orchards or around trees, apply from tree trunk to drip-line to spray at least 50% of soil area or the area under the canopy of the tree, whichever is greatest. For specific crop instructions, see Table 1 below.



Table 1

Quillaja Extract Rate per Acre			
CROP	INITIAL DOSAGE	SEQUENTIAL APPLICATIONS	COMMENT
Grapes	1.5 – 3.0 gallons	1.0 quart	On heavily infested soils apply at least 3.0 gal/acre on the first application. Use highest rate when nematode count is severe according to common practice. On light to moderately infested soils apply 1.5 gal/acre. For best results follow first application with sequential applications of one quart/acre every 7-14 days, for up to 8-10 weeks.
Citrus	1.5 – 3.0 gallons	1.0 quart	On heavily infested soils apply at least 3.0 gal/acre on the first application. On light to moderately infested soils apply 1.5 gal/acre. For best results follow first applications with sequential applications of one quart/acre every 7-14 days, for up to 4- 6 weeks.
Pome Fruit: Apple, Loquat, Mayhaw, Pear, Quince Stone Fruit: Apricot, Cherry, Nectarine, Peach, Plum, Prune Nut Crop: Almond, cashew, macadamia, pecan, walnut	1.5 – 3.0 gallons	1.0 quart	On heavily infested soils apply at least 3.0 gal/acre on the first application. On light to moderately infested soils apply 1.5 gal/acre. For best results follow first applications with sequential applications of one quart/acre every 7-14 days, for up to 4- 6 weeks.

Quillaja Extract Rate per Acre			
CROP	INITIAL DOSAGE	SEQUENTIAL APPLICATIONS	COMMENT
Strawberry	1.5 – 3.0 gallons	1.0 quart	Apply 3 to 7 days preplant into the planting zone. If applying with ground equipment apply centered on the top of the row on pre-wetted soil at a dilution between 10,000 (1%) to 5,000 (½%) parts per million (PPM) or between 1 and a maximum of 2 gallons per 200 gallons of water and follow with water to assure penetration of the product at least 2-4 inches deep into the soil. On low to moderate infested soils apply 1.5 gallons per acre at planting followed by sequential applications of 1 quart/acre every week for 4-6 weeks.
Fruiting Vegetables: eggplant, peppers, tomatillo, tomato Cucurbit Vegetables: cucumber, gherkin, edible gourd, melon, pumpkin, squash, watermelon Leafy Vegetables: celery, endive, lettuce, purslane, spinach, swiss chard Cole Crops: broccoli, cabbage, kale, kohlrabi, mustard greens, mustard spinach, rape greens	3.0 gallons	1.0 quart	Apply 1 to 7 days prior to planting to area to be planted. Follow up with sequential applications of 1 quart/acre every week for 4 - 6 weeks.

Quillaja Extract Rate per Acre			
CROP	INITIAL DOSAGE	SEQUENTIAL APPLICATIONS	COMMENT
Bulb Vegetable: garlic, leek, onion, shallot	3.0 gallons	1.0 quart	Apply prior to planting to row area to be planted. Not for control of Foliar Nematodes. Follow up with sequential applications of 1 quart/acre every week for 4 - 6 weeks.
Root and Tuber Vegetables: arrowroot, artichoke, beet, burdock, canna, carrot, ginger, gingseng, horseradish, potato, radish, turnip, yam	3.0 gallons	1.0 quart	Apply prior to planting to row area to be planted. Follow up with sequential applications of 1 quart/acre every week for 4 - 6 weeks.
Ornamentals Bulbs	3.0 gallons	None	Apply prior to planting.

For control/suppression of pathogenic fungi, apply as described below in Table 2

Table 2

QUILLAJA EXTRACT Rate Per Acre			
Crop	Pathogen	Dosage	Comment
Grapes	Powdery Mildew,	1 – 4 pts	Apply as a foliar spray in 50 to 100 gallons water per acre every 7 to 10 days depending on severity of infection. Do not tank mix with sulfur products. May cause leaf burn if sulfur is present. Do not apply within 7 days of a sulfur application. You may tank mix with Sterol Inhibitor type fungicides.
Strawberry	Powdery Mildew	1 – 4 pts	Apply as a foliar spray in 50 to 100 gallons water per acre every 7 to 10 days depending on severity of infection. Do not tank mix with sulfur products. May cause leaf burn if sulfur is present. Do not apply within 7 days of a sulfur application.

QUILLAJA EXTRACT			
Rate Per Acre			
Crop	Pathogen	Dosage	Comment
Avocado	Root Rot, <i>Phytophthora cinnamoni</i>	2 – 4 Qts	Apply 1 to 6 times per season into the full irrigated root zone. Apply in early Spring and Fall prior to root flush when soil temperatures are optimum for root infection. For best results apply every 7 days, for up to 6 weeks. If applying with a ground sprayer apply to the entire root zone area directly under the tree.

Under good growing conditions, absent of plant parasitic nematodes or plant parastic fungi, Quillaja Extract is beneficial to plant growth and yield as described below in table 3.

Table 3

QUILLAJA EXTRACT			
Rate Per Acre			
Crop	Benefit	Dosage	Comment
Grapes	Increased Fruit yield and root development	1 – 2 qts	Apply at root flush followed by 2 – 4 applications at 7 - 14 day intervals.
Citrus	Increased Root Development	1 – 2 gallons	Apply 1-2 gallons/acre at root flush followed by 2 quarts/acre every 14 days for 4-6 weeks.
Strawberry	Increased Root Development	2 - 4 pts	Apply every 14 days for 8 – 10 weeks.

Application Methods

Quillaja Extract may be applied using ground equipment with a band sprayer, soil fertilizer shanks, injected through drip irrigation or through above ground sprinkler systems. This product should be applied after soil is irrigated to field capacity.

Ground application: Apply with a band or broadcast type sprayer, such as flat-fan or hollow cone nozzle tip system, on the surface of the area to be treated. After application has been made it will be necessary to water with either drip, above ground sprinklers or reduced amount of furrow irrigation. Do not over irrigate following application of this product. Do not use flood irrigation to apply this product into the ground. Over irrigation will move the desired concentration of the product too quickly past the targeted root zone.

For ground sprayer application in orchards or around trees, begin application next to the tree trunk and spray at least 50% of soil area or the area under the canopy of the tree, whichever is greatest.

Shank Injection. Apply by shank injection to areas where roots are present. Use a sufficient number of injectors to cover area to be treated. If Shank application is applied at the root zone, minimal irrigation is required to assure that product covers root zone.

Chemigation applications:

Apply Quillaja Extract through low pressure irrigation equipment (Including drip, mini-sprinklers, micro-jet sprinklers and strip tubing). Do not apply this product through any other type of irrigation system.

The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of material that are compatible with pesticide and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the areas intended for treatment

A pesticide supply tank is not necessary since this product is 100% water soluble. If a pesticide supply tank is used, dilute the product with just enough water to assure an application concentration at the end of the irrigation line

between 5,000 and 10,000 ppm which corresponds to 0.5% and 1% respectively. Final dilution of product should be between 1 and 2 gallons of product for every 200 gallons of irrigation water used. Normally use between 1 and a maximum of 2 gallons per 200 gallons of irrigation water.

Do not allow air in the line prior to injecting Quillaja Extract or density of Quillaja Extract will cause swelling of the line due to foam and prevent uptake of material. If a pesticide supply tank is used, add Quillaja Extract after water at least half full in the tank to prevent excessive foaming. Agitation should be minimized in the supply tank (shut off paddle agitation if possible to prevent foaming). Quillaja Extract foam is very water soluble, will form a true solution should not be a concern for settling in the tank. Maintain the system's operating pressure low enough to prevent fogging and/or misting during applications. Inject Quillaja Extract into the irrigation system after the filter(s). In Low Volume (Drip Irrigation), begin normal irrigation and make sure all emitters are working properly. For best results, inject into the irrigation line in the last quarter of the irrigation time at a rate that assures a concentration between 5,000 and 10,000 ppm at the emitter. As a general rule, do not apply more than 200 gallons of water per 1 gallon of this product.

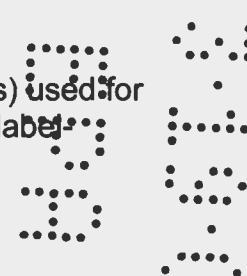
Continue irrigation until all the lines are flushed and then maintain irrigation for enough time to assure this product has penetrated down into the targeted root zone (at least 30 minutes). Do not over irrigate after applying. If excessive watering occurs immediately following application, this product may move down past the desired root zone due to its high water solubility. Do not irrigate following application of this products for at least 24 hours.

If applied in heavy rainfall areas, avoid application during rain or when rain is forecasted within the next 24 hours that may exceed movement of this product past targeted root zone. Pest injury to the crop or lack of effectiveness in growth response may result from uneven distribution of this product during application. Consider the high solubility of this product when choosing a method of application and timing.

It is highly recommended that the soil be wetted first with irrigation system to wet the soil profile and eliminate any dry areas under the irrigated area down to two feet of soil, thereafter Quillaja Extract should be applied during the last few hours of the irrigation, followed with enough clean out water run through the system to remove Quillaja Extract. There generally will be some level of foam at the base of the wetted area until it dissolves (usually within 30 minutes after application, depending on temperatures and amount of water following application).

Lack of effectiveness of Quillaja Extract or Crop Injury can result from non-uniform distribution of treated water.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.



A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

If you have any questions about calibration of this product, you should contact State Extension Service specialists, equipment manufacturers, chemigation experts or the Distributor of this product.

Posting is not necessary following application of this product when the label is accurately followed.

Non-Agricultural uses: Turfgrasses

Crop	Pest	Dosage Quillaja Extract
TURFGRASSES For use on golf courses and sod farms	<i>Anguina pacifica</i> nematode only	9-0 fl oz./1000 sq.ft. or 3-0 Gallons/Acre

Apply specified dosage in a minimum of 3-7 Gallons of water per 1000 sq.ft. (approximately 150-300 Gallons per Acre) with a pressure nozzle tip applicator sufficient to penetrate into the lower part of the turf leaves where *Anguina pacifica* nematode galls are formed.

Quillaja Extract is water soluble and does not require additional water application through Sprinkler following application. Repeat application of Quillaja Extract every 5-10 days following first application. Additional applications to break the life cycle of the nematode should be repeated 2- 4 times within 60 days to significantly reduce this pest problem in one season.

Do not water turf or sod for at least 12 hours following application of Quillaja Extract.

Do not exceed a concentration of 1.5 % solution of Quillaja Extract in any application.

Do not apply Quillaja Extract with any other product before testing for physical and chemical compatibility.

Do not cause excessive agitation of material to avoid foaming of Quillaja Extract.

Do not apply Quillaja Extract through sprinklers or any other irrigation system that exceed the desired concentration of 1-1.25% solution of Quillaja Extract product in water.

Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal.

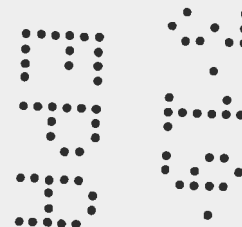
Pesticide Storage: Store in cool dry area.

Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Un-Refillable Container. Do not refill or reuse this container. Triple rinse (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

LIMITED WARRANTY

Desert King Chile warrants that this product conforms to the chemical description on the label and is reasonable fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MECHANABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.



[] indicate optional text

Optional Label Claims:

- Controls and/or Suppresses certain foliar diseases such as Powdery Mildew(s)
- Suppresses [Nematodes], [Powdery Mildew]
- For use also on Vegetable Crops Such as: Carrots, Peppers, Tomatoes, Broccoli, Squash, and Beets.




 United States
 Environmental Protection Agency

 Office of Pesticide Programs (7505C)
 Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

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EPA Registration Number of Product 82572-1	Distributor Company Number 17545
---	-------------------------------------

Note: Do not submit distributor product labels

Name of Registered Product (basic product name accepted by EPA) QUILLAJA EXTRACT	Distributor Product Name NEMA-Q
---	------------------------------------

Name and Address of Distributor (Type; include ZIP code)

Monterey AgResources
P.O. Box 35000
Fresno, CA 93745

Read All Conditions Before Signing

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Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

[Signature] Regulatory Affairs Mgr.

Date

1/23/08

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

[Signature]

Date

12/28/07

MATERIAL TO BE ADDED TO JACKET

REG #

82572-1

Description:

Label Amendment Approval Documents

if applicable, check all that are attached		
<input checked="checked" type="checkbox"/>	new stamped accepted label	Send to CSC
<input type="checkbox"/>	new CSF	
<input type="checkbox"/>	notification	

Instructions:

Attach this sheet to the top of **ALL** material sent to the file room (both loose paper and new material in jackets). This sheet will be imaged; a clear description will aid in finding material in the e-jacket. Remove staples from all material. If returning loose paper then hold together with a binder or paper clip. CSFs should be placed in the CSF folder (if returning jacket) or covered with a red CBI sheet (if returning loose paper). Material to be returned to file room should be placed in the appropriate bin.

Reviewer's

Name:

Driss Benmhend

Date:

NOV 21 2007

Phone:

(703) 308-9525

Division:

BPPD



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

NOV 21 2007

Heather R. Bjornson
Regulatory Consultant for Desert King Chile, Ltd.
Technology Sciences Group, Inc.
1150, 18th Street, N.W., Suite 1000
Washington, DC 20036

Subject: **Quillaja Extract**
EPA File Symbol: 82572-1
Label Amendment to make small revisions in application rates and in the Warranty Statement
Application dated: October 10, 2007

Dear Ms. Bjornson:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(5), is acceptable provided that you:

1. Submit and/or cite all data required for registration/re-registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

If you have any questions contact Driss Benmhend at 703-308-9525 or by e-mail at: Benmhend.driss@epa.gov.

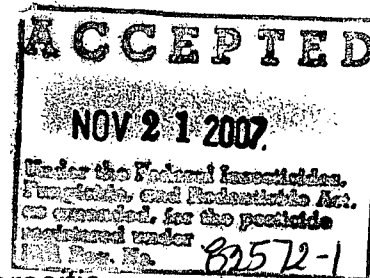
A stamped copy of the label is enclosed for your records.

Sincerely,

Linda A. Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)

Quillaja Extract

A Bio-Pesticide



- For the control of Plant Parasitic Nematodes, Plant Parasitic Fungi
- For use in vineyards, orchards, field crops, and turf
- For ornamental use to control plant parasitic nematodes

Active Ingredient:

*Saponins of Quillaja saponaria..... 8.60%
Other Ingredients.....91.40%
Total..... 100.00%

*bidesmosidic derivatives of quillajic acid substituted with a trisaccharide at C-3 and an oligosaccharide in C-28

Keep Out of Reach of Children

DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.	

See back side for additional precautionary statements

Manufactured for:
Desert King Chile
77 Antonio Bellet, Suite 401
Providencia, Santiago
Chile

EPA Reg. No.: 82572-1
EPA Est. No.: XXXXX-XX-XX

Net Contents: XX Gallons

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Causes irreversible eye damage. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Effluent System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Protective eyewear
- Chemical-resistant gloves made of any waterproof material
- Shoes and socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Never apply material so as to contaminate eating or drinking area.
- Remove clothing immediately if product gets inside. Then wash thoroughly and put on clean clothing.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the Agency responsible for pesticide regulations.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on the label about personal protective equipment and the restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas without protective clothing during the restricted-entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Chemical-resistant gloves made of any waterproof material
- Protective eyewear
- Shoes and socks

NON - AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of the product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural and ornamental plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

Application:

Quillaja Extract may be applied using ground equipment with a band sprayer, soil fertilizer shanks, injected through drip irrigation or through above ground sprinkler systems.

Mixing:

Quillaja Extract is a water based botanical extract. It is soluble in water. Fill tank with 300 gallons of water, then add 3 gallons of this product directly to the tank. Avoid over agitating or shaking, as foaming will occur. To reduce foaming, add an agricultural defoamer to the tank mix.

3 Gallons of Quillaja Extract in 300 Gallons of water is 10,000 ppm or a 1% Solution of Quillaja Extract in water.

Tank Mixing:

Quillaja Extract is compatible with most common pesticides and can be tank mixed with fungicides, insecticides, herbicides, fertilizers or other nematocides. However, do not mix with products that will render a final pH above 8. If compatibility of this product with another product is unknown, the mixture should be tested on a small scale. Read and carefully observe the precautionary statements and all other information on all product labels used in the tank mix. This product has properties similar to wetting agents and may enhance activity of some products as a wetting agent. Not all tank mix combinations have been tested with this product.

Compatibility:

Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

Quillaja Extract is physically compatible with most water based pesticides and liquid fertilizers providing the pH of the final solution is below a pH of 8 and above a pH of 3. To determine physical compatibility of this product with other products, pour the recommended proportions of the products into a suitable container, mix and wait for 30 minutes. If product remains mixed, it is considered physically compatible. Apply all mixed material within 2-3 hours per application.

Application Rates

To control/suppress plant parasitic nematodes, apply Quillaja Extract to the full irrigated zone 1 to 6 times per season. Application should be made just prior to or during root flushes. For row crops, the irrigated zone is 30-50% of the row area. For orchards or around trees, apply from tree trunk to drip-line to spray at least 50% of soil area or the area under the canopy of the tree, whichever is greatest. For specific crop instructions, see Table 1 below.

Table 1

Quillaja Extract Rate per Acre			
CROP	INITIAL DOSAGE	SEQUENTIAL APPLICATIONS	COMMENT
Grapes	1.5 – 3.0 gallons	1.0 quart	On heavily infested soils apply at least 3.0 gal/acre on the first application. Use highest rate when nematode count is severe according to common practice. On light to moderately infested soils apply 1.5 gal/acre. For best results follow first application with sequential applications of one quart/acre every 7-14 days, for up to 8-10 weeks.
Citrus	1.5 – 3.0 gallons	1.0 quart	On heavily infested soils apply at least 3.0 gal/acre on the first application. On light to moderately infested soils apply 1.5 gal/acre. For best results follow first applications with sequential applications of one quart/acre every 7-14 days, for up to 4- 6 weeks.
Pome Fruit: Apple, Loquat, Mayhaw, Pear, Quince Stone Fruit: Apricot, Cherry, Nectarine, Peach, Plum, Prune Nut Crop: Almond, cashew, macadamia, pecan, walnut	1.5 – 3.0 gallons	1.0 quart	On heavily infested soils apply at least 3.0 gal/acre on the first application. On light to moderately infested soils apply 1.5 gal/acre. For best results follow first applications with sequential applications of one quart/acre every 7-14 days, for up to 4- 6 weeks.

Quillaja Extract Rate per Acre			
CROP	INITIAL DOSAGE	SEQUENTIAL APPLICATIONS	COMMENT
Strawberry	1.5 – 3.0 gallons	1.0 quart	Apply 3 to 7 days preplant into the planting zone. If applying with ground equipment apply centered on the top of the row on pre-wetted soil at a dilution between 10,000 (1%) to 5,000 (½%) parts per million (PPM) or between 1 and a maximum of 2 gallons per 200 gallons of water and follow with water to assure penetration of the product at least 2-4 inches deep into the soil. On low to moderate infested soils apply 1.5 gallons per acre at planting followed by sequential applications of 1 quart/acre every week for 4-6 weeks.
Fruiting Vegetables: eggplant, peppers, tomatillo, tomato Cucurbit Vegetables: cucumber, gherkin, edible gourd, melon, pumpkin, squash, watermelon Leafy Vegetables: celery, endive, lettuce, purslane, spinach, swiss chard Cole Crops: broccoli, cabbage, kale, kohlrabi, mustard greens, mustard spinach, rape greens	3.0 gallons	1.0 quart	Apply 1 to 7 days prior to planting to area to be planted. Follow up with sequential applications of 1 quart/acre every week for 4 - 6 weeks.

Quillaja Extract Rate per Acre			
CROP	INITIAL DOSAGE	SEQUENTIAL APPLICATIONS	COMMENT
Bulb Vegetable: garlic, leek, onion, shallot	3.0 gallons	1.0 quart	Apply prior to planting to row area to be planted. Not for control of Foliar Nematodes. Follow up with sequential applications of 1 quart/acre every week for 4 - 6 weeks.
Root and Tuber Vegetables: arrowroot, artichoke, beet, burdock, canna, carrot, ginger, gingseng, horseradish, potato, radish, turnip, yam	3.0 gallons	1.0 quart	Apply prior to planting to row area to be planted. Follow up with sequential applications of 1 quart/acre every week for 4 - 6 weeks.
Ornamentals Bulbs	3.0 gallons	None	Apply prior to planting.

For control/suppression of pathogenic fungi, apply as described below in Table 2

Table 2

QUILLAJA EXTRACT Rate Per Acre			
Crop	Pathogen	Dosage	Comment
Grapes	Powdery Mildew,	1 – 4 pts	Apply as a foliar spray in 50 to 100 gallons water per acre every 7 to 10 days depending on severity of infection. Do not tank mix with sulfur products. May cause leaf burn if sulfur is present. Do not apply within 7 days of a sulfur application. You may tank mix with Sterol Inhibitor type fungicides.
Strawberry	Powdery Mildew	1 – 4 pts	Apply as a foliar spray in 50 to 100 gallons water per acre every 7 to 10 days depending on severity of infection. Do not tank mix with sulfur products. May cause leaf burn if sulfur is present. Do not apply within 7 days of a sulfur application.

QUILLAJA EXTRACT			
Rate Per Acre			
Crop	Pathogen	Dosage	Comment
Avocado	Root Rot, <i>Phytophthora cinnamoni</i>	2 – 4 Qts	Apply 1 to 6 times per season into the full irrigated root zone. Apply in early Spring and Fall prior to root flush when soil temperatures are optimum for root infection. For best results apply every 7 days, for up to 6 weeks. If applying with a ground sprayer apply to the entire root zone area directly under the tree.

Under good growing conditions, absent of plant parasitic nematodes or plant parastic fungi, Quillaja Extract is beneficial to plant growth and yield as described below in table 3.

Table 3

QUILLAJA EXTRACT			
Rate Per Acre			
Crop	Benefit	Dosage	Comment
Grapes	Increased Fruit yield and root development	1 – 2 qts	Apply at root flush followed by 2 – 4 applications at 7 - 14 day intervals.
Citrus	Increased Root Development	1 – 2 gallons	Apply 1-2 gallons/acre at root flush followed by 2 quarts/acre every 14 days for 4-6 weeks.
Strawberry	Increased Root Development	2 - 4 pts	Apply every 14 days for 8 – 10 weeks.

Application Methods

Quillaja Extract may be applied using ground equipment with a band sprayer, soil fertilizer shanks, injected through drip irrigation or through above ground sprinkler systems. This product should be applied after soil is irrigated to field capacity.

Ground application: Apply with a band or broadcast type sprayer, such as flat-fan or hollow cone nozzle tip system, on the surface of the area to be treated. After application has been made it will be necessary to water with either drip, above ground sprinklers or reduced amount of furrow irrigation. Do not over irrigate following application of this product. Do not use flood irrigation to apply this product into the ground. Over irrigation will move the desired concentration of the product too quickly past the targeted root zone.

For ground sprayer application in orchards or around trees, begin application next to the tree trunk and spray at least 50% of soil area or the area under the canopy of the tree, whichever is greatest.

Shank Injection. Apply by shank injection to areas where roots are present. Use a sufficient number of injectors to cover area to be treated. If Shank application is applied at the root zone, minimal irrigation is required to assure that product covers root zone.

Chemigation applications:

Apply Quillaja Extract through low pressure irrigation equipment (Including drip, mini-sprinklers, micro-jet sprinklers and strip tubing). Do not apply this product through any other type of irrigation system.

The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of material that are compatible with pesticide and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the areas intended for treatment

A pesticide supply tank is not necessary since this product is 100% water soluble. If a pesticide supply tank is used, dilute the product with just enough water to assure an application concentration at the end of the irrigation line

between 5,000 and 10,000 ppm which corresponds to 0.5% and 1% respectively. Final dilution of product should be between 1 and 2 gallons of product for every 200 gallons of irrigation water used. Normally use between 1 and a maximum of 2 gallons per 200 gallons of irrigation water.

Do not allow air in the line prior to injecting Quillaja Extract or density of Quillaja Extract will cause swelling of the line due to foam and prevent uptake of material. If a pesticide supply tank is used, add Quillaja Extract after water at least half full in the tank to prevent excessive foaming. Agitation should be minimized in the supply tank (shut off paddle agitation if possible to prevent foaming). Quillaja Extract foam is very water soluble, will form a true solution should not be a concern for settling in the tank. Maintain the system's operating pressure low enough to prevent fogging and/or misting during applications. Inject Quillaja Extract into the irrigation system after the filter(s). In Low Volume (Drip Irrigation), begin normal irrigation and make sure all emitters are working properly. For best results, inject into the irrigation line in the last quarter of the irrigation time at a rate that assures a concentration between 5,000 and 10,000 ppm at the emitter. As a general rule, do not apply more than 200 gallons of water per 1 gallon of this product.

Continue irrigation until all the lines are flushed and then maintain irrigation for enough time to assure this product has penetrated down into the targeted root zone (at least 30 minutes). Do not over irrigate after applying. If excessive watering occurs immediately following application, this product may move down past the desired root zone due to its high water solubility. Do not irrigate following application of this products for at least 24 hours.

If applied in heavy rainfall areas, avoid application during rain or when rain is forecasted within the next 24 hours that may exceed movement of this product past targeted root zone. Pest injury to the crop or lack of effectiveness in growth response may result from uneven distribution of this product during application. Consider the high solubility of this product when choosing a method of application and timing.

It is highly recommended that the soil be wetted first with irrigation system to wet the soil profile and eliminate any dry areas under the irrigated area down to two feet of soil, thereafter Quillaja Extract should be applied during the last few hours of the irrigation, followed with enough clean out water run through the system to remove Quillaja Extract. There generally will be some level of foam at the base of the wetted area until it dissolves (usually within 30 minutes after application, depending on temperatures and amount of water following application).

Lack of effectiveness of Quillaja Extract or Crop Injury can result from non-uniform distribution of treated water.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

If you have any questions about calibration of this product, you should contact State Extension Service specialists, equipment manufacturers, chemigation experts or the Distributor of this product.

Posting is not necessary following application of this product when the label is accurately followed.

Non-Agricultural uses: Turfgrasses

Crop	Pest	Dosage Quillaja Extract
TURFGRASSES For use on golf courses and sod farms	<i>Anguina pacifica</i> nematode only	9.0 fl oz./1000 sq.ft. or 3.0 Gallons/Acre

Apply specified dosage in a minimum of 3-7 Gallons of water per 1000 sq.ft. (approximately 150-300 Gallons per Acre) with a pressure nozzle tip applicator sufficient to penetrate into the lower part of the turf leaves where *Anguina pacifica* nematode galls are formed.

Quillaja Extract is water soluble and does not require additional water application through Sprinkler following application. Repeat application of Quillaja Extract every 5-10 days following first application. Additional applications to break the life cycle of the nematode should be repeated 2- 4 times within 60 days to significantly reduce this pest problem in one season.

Do not water turf or sod for at least 12 hours following application of Quillaja Extract.

Do not exceed a concentration of 1.5 % solution of Quillaja Extract in any application.

Do not apply Quillaja Extract with any other product before testing for physical and chemical compatibility.

Do not cause excessive agitation of material to avoid foaming of Quillaja Extract.

Do not apply Quillaja Extract through sprinklers or any other irrigation system that exceed the desired concentration of 1-1.25% solution of Quillaja Extract product in water.

LIMITED WARRANTY

Desert King Chile warrants that this product conforms to the chemical description on the label and is reasonable fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Receipt for Section 3

S: 818045 Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3 Fee For Service: ☐ Yes ☒ No

Application Type: Amendment Billable: ☐ Yes ☒ No



Company: 82572 DESERT KING CHILE, LTD. V



Risk Manager: Biologicals & Pollution Prevention Division, PM Team 91

Product #: 82572-1 Product Name: QULLAJA EXTRACT

Overview#:

Me Too Section3: Me Too Product Name:

Application Date: 08-Oct-2007  OPP Rec'd Date: 10-Oct-2007 

Front End Date: 10-Oct-2007  Risk Manager Send Date: 11-Oct-2007 

FFS Due Date: Negotiated Due Date:

OPP Target Date:

Fast Track: ☐ New Ingredient: ☐

Receipt Description:

FAST TRACK LABEL AMENDMENT OCT 11 2007

New Ingredient Request Date: New Ingredient Received Date:

Print Letter
Enter More Information
Tracking

Receipt Content

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FAST TRACK
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OCT 15 2007
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AIO-Chris
OCT 17 2007
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

October 11, 2007

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

HEATHER R. BJORNSON
TECHNOLOGY SCIENCES GROUP, INC.
DESERT KING CHILE, LTD.
1150 18TH ST., NW, SUITE 1000
WASHINGTON, DC 20036-

PRODUCT NAME: QUILLAJA EXTRACT
COMPANY NAME: DESERT KING CHILE, LTD.
EPA FILE SYMBOL: 82572-1
EPA RECEIPT DATE: 10/10/07

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Biologicals & Pollution Prevention Division, PM Team 91, at (703) 308-9525.

Sincerely, *A. Marie*
Front End Processing Staff
Information Services Branch
Information Technology & Resources Management Division

Receipt for Section 3

S: 818045 Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3 Fee For Service: ☒ Yes ☐ No

Application Type: Amendment Billable: ☒ Yes ☐ No



Company: 82572 DESERT KING CHILE, LTD. V



Risk Manager: Biologicals & Pollution Prevention Division, PM Team 91

Product #: 82572-1 Product Name: QUILLAJA EXTRACT

Override:

Me Too Section3: Me Too Product Name:

Application Date: 08-Oct-2007  OPP Rec'd Date: 10-Oct-2007 

Front End Date: 10-Oct-2007  Risk Manager Send Date: 

FFS Due Date: Negotiated Due Date:

OPP Target Date:

Fast Track: ☐ New Ingredient: ☐

Receipt Description: FAST TRACK LABEL AMENDMENT

New Ingredient Request Date:

New Ingredient Received Date:

Receipt Content

Print Letter

Enter More Information

Tracking

EPA-PRISM Main - Co... 1:14 PM

Fee for Service

{818045(~

This package includes the following

- ☐ New Registration
- ☒ Amendment

- ☐ Studies? ☐ Fee Waiver?
- ☐ volpay % Reduction: ____

for Division

- ☐ AD
- ☒ BPPD
- ☐ RD

Risk Mgr.

91

Receipt No.

S-

818045

EPA File Symbol/Reg. No.

82572-1

Pin-Punch Date:

10/10/2007

☒ This item is NOT subject to FFS action.

Action Code:

Requested:

Granted:

Amount Due: \$ _____

Parent/Child Decisions:

Reviewer:

Todd Petersen

Date:

10/10/07

Remarks:

FAST TRACK LABEL AMENDMENT



WASHINGTON

1150 18th Street, N.W.

Suite 1000

Washington, D.C. 20036

Telephone 202 223-4392

Fax 202 872-0745

October 8, 2007

Linda Hollis
Chief, Biopesticide and Pollution Prevention Division
Office of Pesticide Programs
Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

RE: Quillaja Extract (EPA Reg. No. 82572-1)

SACRAMENTO

712 Fifth Street

Suite A

Davis, CA 95616

Telephone 530 757-1298

Fax 530 757-1299

Fast-track label amendment

Dear Ms. Hollis:

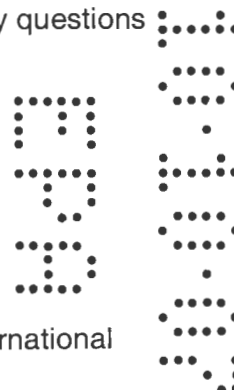
Technology Sciences Group, on behalf of Desert King Chile, is submitting the enclosed fast-track label amendment for the above referenced product. The label revisions are consistent with the dose/application calculations that were included with the EPA Meeting Minutes dated September 14, 2007. The revisions are:

- 1) Minor text revisions to the directions for use,
- 2) Increasing the maximum initial application dose from 2.5 to 3.0 gallons,
- 3) Adding clarifications for sequential applications,
- 4) Correcting some typographical errors, and
- 5) Revising the warranty statements.

Please do not hesitate to contact me directly with any questions and/or concerns.

Sincerely,

Heather R. Bjornson
Regulatory Agent for Desert King Chile/Desert King International





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☒ Amendment
☐ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 82572-1	2. EPA Product Manager Linda Hollis	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Quillaja Extract	PM# Biochemicals Branch/BPPD	
5. Name and Address of Applicant (Include ZIP Code) Desert King Chile D/B/A Desert King International Antonio Bellet 77 Of. 401 Providencia, Santiago, Chile <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This submission is a fast-track label amendment to make several text revisions and is not subject to PRIA. Please see cover letter for more information.

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container
		If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	
		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Heather R. Bjornson, Technology Sciences Group, Inc.	Title Regulatory Consultant	Telephone No. (Include Area Code) (202) 828-8945	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment, both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Consultant to Desert King Chile		
4. Typed Name Heather R. Bjornson	5. Date October 8, 2007		